

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office. SEP 24 1962

Returned to applicant for correction.

Corrected application filed.

Map filed. OCT 1 1962

The applicant NEVADA POWER COMPANY
of Las Vegas, County of Clark,
State of Nevada, hereby makes application for permission to appropriate the public
waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorpora-
tion; if a copartnership or association, give names of members.) Date of incorporation - Feb. 7,
1929 in the State of Nevada

1. The source of the proposed appropriation is Underground Meadow Valley Wash
Name of stream, lake or other source.

2. The amount of water applied for is 3.5 (1570 GPM) second-feet
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet None acre-feet

3. The water to be used for Power
Irrigation, power, mining, manufacturing, domestic, or other use.

4. If use is for:

(a) Irrigation (state number of acres to be irrigated).....

(b) Stockwater (state number and kinds of animals to be watered).....

(c) Other use (describe fully under "No. 11. Remarks").....

(d) Power:

(1) Horsepower developed (110,000 kilowatts) 147,453 horsepower

(2) Point of return of water to stream.....

5. The water is to be diverted from its source at the following point: NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 35, T. 14 S.,

R. 66 E., M.D.B.&M., at a point from which the South One Quarter

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land,

Section Corner of said Section 35 bears South 24° -39° -20" East a
it should be stated. distance of 2,684.8 feet.

6. Place of use The NE $\frac{1}{4}$ of the SW $\frac{1}{4}$ and the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 35, T. 14 S.,
Describe by legal subdivision, if on unsurveyed land it should be so stated.

R. 66 E., M.D.B.&M.

7. Use will begin about Jan. 1 and end about Dec. 31, of each year.
Month Month

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans

and specifications of your diversion or storage works.) The well is cased at 16" to 220
feet and 14" to 467 feet. It has been perforated from 100 to 220 feet
and from 200 to 480 feet. It is planned to set the pump to 100 feet.

State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.

The proposed pumping plant shall consist of a two stage pump
utilizing 12" bowls and 10" column driven by a 50 HP electric motor
which shall include the necessary control panel.

- \$15,000 for cost of well and pumping plant. Cost
9. Estimated cost of works of 330,000 kilowatt plant, \$50 million dollars.....
10. Estimated time required to construct works 90 days for pumping plant only.....
11. Remarks The amount of water applied for has been based on the estimated output of one 110,000 kw steam electric generating unit. The figure used is conservative, however, it is not possible prior to actual operation to establish the exact requirement. We expect to develop and file immediately on three additional wells of essentially the same capacity. Two of the three wells will be allotted to specific units and the third will be used for stand-by purposes only.....

Applicant NEVADA POWER COMPANY.....

By s/ Elmer F. Johnson (Elmer F. Johnson)
Vice President & Assistant General Manager

Compared s/ James H. Zornes
Steam Department Supervisor

Compared hs/lb hs/lb APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions: This permit is issued subject to all existing rights on the source and is limited to what the well will produce but not to exceed 3.5 c.f.s. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level at permit-tee's well due to other ground water development in the area. A substantial weir or other type of measuring device must be installed and measurements of water use kept, and a method provided, either air line or opening, for measuring depth to water. The State retains the right to regulate the use of the water herein granted at any and all times. The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 3.5 cubic feet per second.....

Actual construction work shall begin on or before September 4, 1963

Proof of commencement of work shall be filed before October 4, 1963

Work must be prosecuted with reasonable diligence and be completed on or before September 4, 1964

Proof of completion of work shall be filed before October 4, 1964

Application of water to beneficial use shall be made on or before September 4, 1966

Proof of the application of water to beneficial use shall be filed on or before October 4, 1966

Map in support of proof of beneficial use shall be filed on or before.....

Commencement of work filed Aug. 14, 1963

Completion of work filed Sept. 22, 1964

Proof of beneficial use filed.....

Cultural map filed.....

Certificate No. Issued.....

Recorded Bk. Page.....

WITNESS MY HAND AND SEAL this 4th day
of March, 1963
Elmer F. Johnson
State Engineer.